

11/29/01

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 52719.00033

First Inventor Li-Wen Chen

Title System and Method for Providing a Data Warehouse in Accordance with a Virtual Schema (as amended)

Express Mail Label No. EL 701 363 527

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 30]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 16]
5. Oath or Declaration [Total Pages 2]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ General Authorization for Time Extension Petitions
18. ☒ Other: Copy of Revocation of Previous Powers

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09/306,677

Prior application information: Examiner D. Robertson

Group / Art Unit: 2163

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Paul A. Durdik, Esq.				
	Squire, Sanders & Dempsey LLP				
Address	600 Hansen Way				
City	Palo Alto	State	CA	Zip Code	94304
Country	U.S.A.	Telephone	(650) 856-6500	Fax	(650) 856-3619

Name (Print/Type)	Paul A. Durdik	Registration No. (Attorney/Agent)	37,819
Signature		Date	November 29, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

Complete if Known

Application Number	Unknown
Filing Date	November 29, 2001
First Named Inventor	Li-Wen Chen
Examiner Name	Unknown
Group / Art Unit	Unknown
Attorney Docket No.	52719.00033

TOTAL AMOUNT OF PAYMENT (\$) 1231**METHOD OF PAYMENT (check one)**1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit
Account
Number

05-0150

Deposit
Account
Name

Squire, Sanders & Dempsey L.L.P.

☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status.
See 37 CFR 1.272. ☐ Payment Enclosed:☐ Check ☐ Credit card ☐ Money
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	370
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1)

(\$ 370)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
69	-20 = 49	X 9	= 441
Independent Claims	13	-3 = 10	X 42 = 420
Multiple Dependent		X	= 0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 861)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

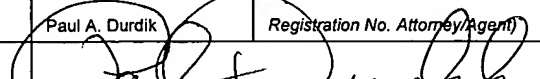
Other fee (specify) Preliminary Amendment and Continuation

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Paul A. Durdik	Registration No. Attorney/Agent	37,819	Telephone	(650) 856-6500
Signature				Date	November 29, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application Of:

Li Wen Chen, et al.

Serial No: Unknown

Filed: November 29, 2001

For: System and Method for Providing a
Data Warehouse in Accordance
with a virtual Schema (as amended)

Examiner: Unknown

Art Unit: Unknown

BOX PATENT APPLICATION
Commissioner of Patents
Washington, D.C. 20231

GENERAL AUTHORIZATION TO PETITION FOR EXTENSIONS OF TIME

Dear Sir:

With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicants hereby authorize and request the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. §

10037793001

Express Mail Label No.: EL 701 363 527 US
Attorney Docket No.: 52719.00033

1.17, or credit any overpayment of same, to Deposit Account No. 05-0150.

Date: November 29, 2001

Respectfully submitted,
Li-Wen Chen, et al.

By:



Paul A. Durdik
Attorney for Applicants
Reg. No. 37,819

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52719-00033

COPY

Date Mailed: June 12, 2001 | By: PAD/vcc | PTO DATE STAMP:
Serial No.: 09/306,677 | Docket No.: 52719.00002
Applicant: Li-Wen Chen
Title: Method For Providing A Reverse Star Schema Data Model

The following has been received in the U.S. Patent Office on the date stamped hereon:

- | | |
|--|--|
| <input type="checkbox"/> Patent Application | <input type="checkbox"/> Preliminary Amendment (3 pages) |
| <input type="checkbox"/> Drawings | <input type="checkbox"/> Petition for Extension of Time |
| <input type="checkbox"/> General Authorization / Request to Petition for Extensions of Time | |
| <input type="checkbox"/> Oath/Declaration/Power of Attorney (unsigned) | <input checked="" type="checkbox"/> Transmittal Letter (1 page) |
| <input checked="" type="checkbox"/> Copy of Recorded Assignment & Recordation Cover Sheet (3 pages) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Verified Statement Claiming Small Entity Status | <input type="checkbox"/> Appeal Brief (in triplicate) |
| <input type="checkbox"/> Continued Prosecution Application (§1.53(d) CPA - in duplicate) | <input type="checkbox"/> Issue Fee Transmittal with PTO-85b (in duplicate) |
| <input type="checkbox"/> Provisional Application | <input type="checkbox"/> Copy of PTO-1533, Notice to File Missing Parts |
| <input type="checkbox"/> Design Application ___ Pages ___ Drawings | <input type="checkbox"/> Info. Disclosure Statement & PTO-1449/Refs ___ |
| <input type="checkbox"/> Status Letter | <input type="checkbox"/> Request to Correct Filing Receipt |
| <input type="checkbox"/> Check No. for S | <input type="checkbox"/> Check No. |
| <input checked="" type="checkbox"/> Other: Power of Attorney by Assignee and Revocation Of Previous Powers (2 pages) | |

Library: PaloAlto; Document #: 18411v1

U.S. DEPARTMENT OF COMMERCE
PATENT/TRADEMARK OFFICE
WASHINGTON, D.C. 20231



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